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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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QUALCOMM INCORPORATED		
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EXAMINER	
GOODCHILD, WILLIAM J	

ART UNIT	PAPER NUMBER
2145	

NOTIFICATION DATE	DELIVERY MODE
08/22/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/649,552

Applicant(s)

MIR ET AL.

Examiner

William J. Goodchild

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 June 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 June 2007 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2. Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Lioy, (WO 00/76173 A1).

In reference to claims 1, 6, 9 and 10, Lioy et al. teaches a method comprising:

at least one memory element [Lioy, WO 00/76173, page 1, lines 7-10 and 13-18];

and

at least one processing element configured to execute a set of instructions stored in the at least one memory element [Lioy, WO 00/76173, page 1, lines 7-10 and 13-18],

generating a negative acknowledgment message at the PPP server [Lioy, WO 00/76173, page 10, lines 29-31, "wireless communication device 14 asserts a flow control on mobile terminal device 12 by responding with a Configure-Nak comprising hint values] in response to an Internet Protocol Control Protocol (IPCP) configuration

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request from the PPP client [Lioy, WO 00/76173, page 10, lines 3-5, mobile terminal device 12 will send an IPCP packet communication 402, including a request for a static address], wherein the negative acknowledgement message includes deliberately arbitrary supplemental IPCP information [Lioy, WO 00/76173, page 10, lines 27-33, hint values are sent within Nak message, a hint value is an arbitrary value sent when the actual value is wrong or cannot be confirmed] and does not include an IP address option [Lioy, WO 00/76173, page 10, lines 27-33, a Configure-Nak message is being sent] to extend the protocol synchronization period [Lioy, WO 00/76173, page 10, line 33 – page 11, line 1]; and

generating an acknowledgement message at the PPP server in response to the IPCP configuration request from the PPP client if the PPP server has received all required parameters to complete the protocol synchronization period [Lioy, WO 00/76173, page 10, line 33 – page 11, line 2 and page 7, lines 24-26].

In reference to claim 2, Lioy et al. teaches the method of claim 1 wherein:

generating a new negative acknowledgment message at the PPP server in response to a repeated IPCP configuration request from the PPP client, wherein the new negative acknowledgement message includes different supplemental IPCP information from a previous negative acknowledgement message and does not include an IP address option [Lioy, WO 00/76173, page 10, lines 27-33, hint values are sent within Nak message, a hint value is an arbitrary value sent when the actual value is

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wrong or cannot be confirmed, page 10, lines 27-33, a Configure-Nak message is being sent].

In reference to claim 3, Liroy et al. teaches the method of claim 1 wherein:

generating a new negative acknowledgment message at the PPP server in response to a repeated IPCP configuration request from the PPP client, wherein the new negative acknowledgement message includes the same supplemental IPCP information as a previous negative acknowledgement message and does not include an IP address option [Liroy, WO 00/76173, page 10, lines 27-33, hint values are sent within Nak message, a hint value is an arbitrary value sent when the actual value is wrong or cannot be confirmed, page 10, lines 27-33, a Configure-Nak message is being sent].

In reference to claim 4, Liroy et al. teaches the method of claim 1 wherein:

the arbitrary supplemental IPCP information is an arbitrary Domain Naming System (DNS) address [Liroy, WO 00/76173, page 10, lines 27-33, hint values are sent within Nak message, a hint value is an arbitrary value sent when the actual value is wrong or cannot be confirmed, page 10, lines 27-33, a Configure-Nak message is being sent].

In reference to claim 5, Liroy et al. teaches the method of claim 1 wherein:

the arbitrary supplemental IPCP information is an arbitrary Windows Internet Naming Service (WINS) address [Liroy, WO 00/76173, page 10, lines 27-33, hint values

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are sent within Nak message, a hint value is an arbitrary value sent when the actual value is wrong or cannot be confirmed, page 10, lines 27-33, a Configure-Nak message is being sent].

In reference to claim 7, Liroy et al. teaches the method of claim 6 wherein:

the at least one processing element is located in an electronic device that hosts the PPP client [Liroy, WO 00/76173, page 10, lines 7-14].

In reference to claim 8, Liroy et al. teaches the method of claim 6 wherein:

the at least one processing element is located in an electronic device that does not host the PPP client [Liroy, WO 00/76173, page 10, lines 7-14].

Response to Arguments

3. Applicant's arguments with respect to claims 1-10 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

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§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William J. Goodchild whose telephone number is (571) 270-1589. The examiner can normally be reached on Monday - Friday / 9:00 AM - 5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571) 272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

WJG
08/15/2007


JASON CARDONE
SUPERVISORY PATENT EXAMINER